

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		(remove adj (particle or impurities or impurity or (particle adj load))	USPAT	OR	OFF	2009/05/18 14:16
		"3231815".pnn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 11:58
		(sensor adj contact\$# adj switch\$2 adj touch adj detect\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:17
L1	7	("3875481" "4555954" "4562742" "4644801" "4986136" "5150759" "Re32180").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 13:45
L2	31	"6003305"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 13:46
L3	1	"6003305".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 13:46
L4	28	("6003305").URPN.	USPAT	OR	OFF	2009/05/19 13:46
L5	0	("7527774").URPN.	USPAT	OR	OFF	2009/05/19 13:47
L6	54	("20010027165" "20020128151" "20030165414" "20040009106" "20040038819" "20040050618" "20040087439" "20050163677" "3111396" "3968854" "4027367" "4335023" "4414023" "4418790" "4420316" "4671931" "4674447" "4774217" "4813231" "4900712" "4985210" "5100632" "5283041" "5421154" "5422331" "5437152" "5448831" "5612006" "5620672" "5696065" "5721188" "5736690" "5763352" "5829248"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 13:47

		"5916128" "6003305" "6040266" "6047544" "6068082" "6074973" "6098745" "6109026" "6250422" "6287527" "6319484" "6394225" "6604604" "6622482" "6770252" "6773479" "6773481" "6810660" "6821491").PN.				
L7	2	"3231815".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 13:48
L8	1	"5447076".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 13:49
L9	7	("3875481" "4555954" "4562742" "4644801" "4986136" "5150759" "Re32180").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/19 13:49
S1	50	(US-20080034839-\$ or US- 20030067244-\$ or US- 20040233458-\$ or US- 20080024119-\$ or US- 20080159433-\$ or US- 20020011266-\$ or US- 20040031776-\$).did. or (US-4206761-\$ or US- 4348673-\$ or US-4660568- \$ or US-5663642-\$ or US- 5889901-\$ or US-6046560- \$ or US-6532834-\$ or US- 6597085-\$ or US-7330271- \$ or US-7373272-\$ or US- 6305231-\$ or US-6474354- \$ or US-3570514-\$ or US- 3617622-\$ or US-3750052- \$ or US-3801871-\$ or US- 3838364-\$ or US-3838814- \$ or US-3882718-\$ or US- 4026505-\$ or US-4035747- \$ or US-4061970-\$ or US- 4072912-\$ or US-4098128- \$ or US-4128737-\$ or US- 4144747-\$).did. or (US- 4198609-\$ or US-4268979- \$ or US-4372164-\$ or US- 4378535-\$ or US-4624129- \$ or US-4799035-\$ or US- 4967169-\$ or US-4988957- \$ or US-5185793-\$ or US- RE34187-\$ or US-5373259- \$ or US-5500597-\$ or US- 5532647-\$ or US-5542118- \$ or US-5587690-\$ or US- 5661269-\$ or US-5757177- \$).did.	US-PGPUB; USPAT	OR	ON	2008/12/02 09:11

S2	49	(US-4515292-\$ or US-5357197-\$ or US-5852229-\$ or US-4392229-\$ or US-4404860-\$ or US-4607254-\$ or US-4878019-\$ or US-4992656-\$ or US-5056355-\$ or US-5238729-\$ or US-5334932-\$ or US-5387462-\$ or US-5424649-\$ or US-5444367-\$ or US-5463449-\$ or US-5485083-\$ or US-5488203-\$ or US-5495137-\$ or US-5497050-\$ or US-5528138-\$ or US-5532802-\$ or US-5663642-\$ or US-5754055-\$ or US-5764538-\$ or US-5767685-\$ or US-5811664-\$).did. or (US-5853994-\$ or US-5856681-\$ or US-5892144-\$ or US-5910700-\$ or US-6004494-\$ or US-6055052-\$ or US-6090638-\$ or US-6100805-\$ or US-6184052-\$ or US-6208255-\$ or US-6213681-\$ or US-6237397-\$ or US-6323772-\$ or US-6328033-\$ or US-6346888-\$ or US-6408679-\$ or US-6457346-\$ or US-6459995-\$ or US-6463785-\$ or US-6465749-\$ or US-6467331-\$ or US-6819120-\$ or US-6832507-\$).did.	USPAT	OR	ON	2008/12/02 09:12
S6	50	(US-20080034839-\$ or US-20030067244-\$ or US-20040233458-\$ or US-20080024119-\$ or US-20080159433-\$ or US-20020011266-\$ or US-20040031776-\$).did. or (US-4206761-\$ or US-4348673-\$ or US-4660568-\$ or US-5663642-\$ or US-5889901-\$ or US-6046560-\$ or US-6532834-\$ or US-6597085-\$ or US-7330271-\$ or US-7373272-\$ or US-6305231-\$ or US-6474354-\$ or US-3570514-\$ or US-3617622-\$ or US-3750052-\$ or US-3801871-\$ or US-3838364-\$ or US-3838814-\$ or US-3882718-\$ or US-4026505-\$ or US-4035747-\$ or US-4061970-\$ or US-4072912-\$ or US-4098128-	US-PGPUB; USPAT	OR	ON	2008/12/02 09:58

		\$ or US-4128737-\$ or US-4144747-\$).did. or (US-4198609-\$ or US-4268979-\$ or US-4372164-\$ or US-4378535-\$ or US-4624129-\$ or US-4799035-\$ or US-4967169-\$ or US-4988957-\$ or US-5185793-\$ or US-RE34187-\$ or US-5373259-\$ or US-5500597-\$ or US-5532647-\$ or US-5542118-\$ or US-5587690-\$ or US-5661269-\$ or US-5757177-\$).did.				
S7	24	S6 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 09:58
S9	6	S7 and stream	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:01
S10	0	S7 and (electromagnetic adj circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:02
S11	8	S7 and electromagnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:02
S12	8	S11 and frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:03
S13	6	S12 and voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:03

S15	2	S13 and stream	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:03
S16	0	S13 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:06
S17	0	(sensor adj contact\$3 adj switch\$2 adj touch adj detect\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:17
S19	124	324/675.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:20
S20	28	S19 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:20
S21	4	S20 and particle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:21
S22	0	S21 and electromagnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:21
S23	7	S20 and electromagnetic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:21
S24	3	S23 and resonant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:22

S26	3	S24 and frequenc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:22
S27	3	S26 and voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:23
S28	2	S26 and load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:23
S29	2	"6465749".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:48
S30	2	S29 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:48
S31	2	S29 and electromagnet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:48
S32	2	S31 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:49
S33	0	S32 and capacit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:49
S34	2	S32 and frequenc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:50

S35	1	S34 and resonant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 10:50
S36	0	("6465749").URPN.	USPAT	OR	ON	2008/12/02 11:31
S37	0	("6465749").URPN.	USPAT	OR	ON	2008/12/02 11:31
S38	24	("3566678" "3583209" "3744297" "3926271" "4158395" "4391338" "4568520" "4696181" "4836314" "4838371" "4937005" "5110747" "5196170" "5261274" "5349844" "5402670" "5488203" "5528933" "5684276" "5717147" "5769539" "5970781" "6164140").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:31
S39	10	("4187721" "4769882" "4777833" "5131280" "5321991" "5488870" "5501106" "5531126" "5700957" "5708320"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:32
S40	6	("5049776" "5166571" "5216315" "5396144" "5400269" "5451828"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:32
S41	9	("3354413" "4538461" "4785215" "5020370" "5049776" "5166571" "5331242" "5367217"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:33
S42	15	("3566166" "4037121" "4215570" "4372173" "4415827" "4469979" "4531073" "4654663" "4757228" "4764244" "4785215" "4901586" "4912990" "4929860" "5020370").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:33
S43	5	("3268789" "4215570" "4479385" "4594898"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:34
S44	10	("3190129" "3470400" "3529470" "4071838" "4215570" "4372173" "4446394").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:35

S45	8	("3470400" "3479536" "3513356" "4215570" "4321500").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:35
S46	7	("3470400" "3479536" "3480809" "4215570").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:36
S47	2	("3238789").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 11:36
S50	4	"3231815".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:25
S51	1	S50 and load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:26
S52	0	S51 and electromagnet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:27
S53	0	S51 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/02 14:28
S54	2	"6465749".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:33
S55	2	S54 and electromagnet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:33
S56	2	S55 and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:33

S57	2	S56 and frequenc\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 09:33
S58	0	"84003147".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:10
S59	8947145	WO "84003147" A1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:11
S60	1	WO91/20065.PTPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:24
S61	0	WO03/006976.PTPN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:31
S62	342104	heat and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:46
S63	63689	S62 and (temperature and particle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:47
S64	41282	S63 and (remove impurities)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:48
S65	0	S64 and 324/675.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:48

S68	12580	heat\$3 adj sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:50
S69	5224	S68 and remov\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:51
S70	41	S69 and (ignition adj temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 11:52
S71	4	"3231815".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 16:09
S72	4	"3231815".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/04 11:58
S73	2	"20080190173"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 14:06
S74	0	("2008/0190173").URPN.	USPAT	OR	OFF	2009/05/18 14:07
S75	7229	heat\$3 near sensor	USPAT	OR	OFF	2009/05/18 14:07
S76	2320451	heat\$3 near\$2 sensor	USPAT	OR	OFF	2009/05/18 14:15
S77	11379	(remove adj (particle or impurities or impurity or (particle adj load)))	USPAT	OR	OFF	2009/05/18 14:16
S78	9646	S76 and S77	USPAT	OR	OFF	2009/05/18 14:16
S79	12	soot same particle same (exhaust adj gas adj stream) same engine	USPAT	OR	OFF	2009/05/18 14:17
S80	0	S78 and S79	USPAT	OR	OFF	2009/05/18 14:18

S81	1	"6003305".pn.	USPAT	OR	OFF	2009/05/18 14:37
S82	1535729	heat\$3 sensor same remove particle	USPAT	OR	OFF	2009/05/18 14:56
S83	0	"324"/\$.ccls.	USPAT	OR	OFF	2009/05/18 14:57
S84	77376	"324"/\$.ccls.	USPAT	OR	OFF	2009/05/18 14:57
S85	12707	S82 and S84	USPAT	OR	OFF	2009/05/18 14:57
S86	103714	S85 and engine and temperature ignition	USPAT	OR	OFF	2009/05/18 14:58
S87	1	"3231815".pn.	USPAT	OR	OFF	2009/05/18 14:59
S88	11	("3231815").URPN.	USPAT	OR	OFF	2009/05/18 14:59
S89	44	capact\$4 adj sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 10:37
S90	2	"5447076".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/19 10:38

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